To: Graduate Students in the Statistics Ph.D. Program

Wharton School, University of Pennsylvania

From: Donald F. Morrison

 Emeritus Professor of Statistics

Date: October 12, 2017

Subject: Free Math and Stat Books

We are moving to a smaller apartment at White Horse Village, and must radically reduce the size of my library. The next several pages list textbooks and other publications I am offering *gratis* to

students and a few libraries on a first-come basis. Simply reply to this email with your choices from the list.

I can’t deliver books – you’ll have to pick them up at our house,

 Carriage House S – 124 (Saratoga units)

 White Horse Village

 535 Gradyville Rd.

 Edgemont Township, PA

 (postal address: Newtown Square, PA 19073)

Maps will be provided with directions. I can be reached at

donaldm@wharton.upenn.edu

610-361-8386

535 Gradyville Rd. S-124

Newtown Square, PA 19073

You are cordially invited to help yourselves to this collection. Of course, certain classics and memorable works have been reserved for my future reference and uses.

Mathematics and Statistics Books Available

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1. **Bound Journal Volumes**

*Journal of the American Statistical Association,* vol. 66 (1971) – vol. 86 (1991) . 49 running *inches of shelf space, 21 case bound annual issues.*

**2. Tables of Functions and Related Books**

Abramowitz, Milton, and Irene A. Stegun (Editors) (1964): *Handbook of Mathematical Functions, with Formulas, Graphs, and Mathematical Tables,*  U. S. Department of Commerce, National Bureau of Standards, Applied Mathematics Series 55. 1046 pp.

Institute of Mathematical Statistics (1970): *Selected Tables in Mathematical Statistics, Vol. I,* American Mathematical Society, Providence, RI. 403 pp.

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Greenwood, J. Arthur, and H. O. Hartley (1962): *Guide to Tables in Mathematical Statistics,* Princeton University Press, Princeton, NJ. 1014 pp.

Romig, Harry G. (1947): *50 – 100 Binomial Tables,* John Wiley & Sons, Inc., New York. 172 pp.

1. **Mathematics Monographs and Texts**

Allen, R. G. D. (1964): *Mathematical Analysis for Economists,* Macmillan & Co., LTD, St. Martin’s Press, New York. 548 pp, PB.

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Grossman, Michael, and Robert Katz (1972): *Non-Newtonian Calculus,* Lee Press, Pigeon Cove, MA. 94 pp PB..

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Hadley, G. (1964): *Nonlinear and Dynamic Programming,* Addison-Wesley Publishing Co., Inc, Reading, MA. 484 pp.

Hancock, Harris (1960): *Theory of Maxima and Minima,* Dover Publications, Inc., New York. 193 pp. PB.

Hamming, R. W. (1962): *Numerical Methods for Scientists and Engineers,* McGraw-Hill Book Company, New York. 411 pp.

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Hildebrand, F. B. (1974): *Introduction to Numerical Analysis,* McGraw-Hill Book Company, New York. 669 pp.

Householder, Alston S. (1953): *Principles of Numerical Analysis,* Dover Publications, New York. 274 pp. PB Dover Publications, New York. 274 pp. PB

Jolley, L. B. W. (1961): *Summation of Series,* Dover Publications, Inc., New York. 251 pp. PB.

Leighton, Walter (1952): *An Introduction to the Theory of Differential Equations,* McGraw-Hill Book Company, Inc., New York. 174 pp.

Lukacs, Eugene (1960): *Characteristic Functions,* Hafner Publishing Company, New York. 216 pp, PB.

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Milne, W. E. (1949): *Numerical Calculus,* Princeton University Press, Princeton, NJ. 393 pp.

Munroe, M. E. (1953): *Introduction to Measure and Integration,* Addison-Wesley Publishing Co., Inc., Cambridge, MA. 310 pp.

Newman, M. H. A. (1954): *Elements of the Topology of Plane Sets of Points,* The University Press, Cambridge, U. K. 214 pp.

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Polya, G. (1954): *Induction and Analogy in Mathematics,* Vol. I, Princeton University Press, Princeton, NJ. 280 pp.

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Titchmarsh, E. C. (1948): *Introduction to the Theory of Fourier Integrals,* Second Edition, Oxford. 394 pp.

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Williams, Gerald E. (1970): *Boolean algebra with computer applications,* McGraw-Hill Book Company, New York. 248 pp.

 Wilson, E. B. (1960): *Vector Analysis,* Dover Publications, Inc.436 pp.

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Birkhoff, Garrett and Saunders Mac Lane (1953): *A Survey of Modern Algebra* Revised Edition, The Macmillan Company, New York. 472 pp.

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Marcus, Marvin, and Henryk Minc (1964): *A Survey of Matrix Theory and Matrix Inequalities,* Allyn and Bacon, Inc., Boston. 180 pp.

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Anderson, T. W. (1971): *The Statistical Analysis of Time Series,* John Wiley & Sons, Inc., New York. 704 pp.

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**11. Regression Analysis and Its Applications**

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Bishop, Yvonne M. M., Stephen E. Fienberg, and Paul W. Holland (1975): *Discrete Multivariate Analysis: Theory and Practice,* he MIT Press, Cambridge, MA. 557 pp.

Fleiss, Joseph L. (1981): *Statistical Methods for rates and Proportions* Second Edition

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Kruskal, William H., and Judith M Tanur (1978): *International Encyclopedia of Statistics,* The Free Press, New York, Volumes I and II, 1350 pp.

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Anderson, T. W. *et al.* (Editors) (1957): *Selected Papers in Statistics and Probability by Abraham Wald,* Stanford University Press, Stanford, CA. 702 pp.

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Yates, F. (1937): *The Design and Analysis of Factorial Experiments,* Imperial Bureau of Soil Science, Harpenden, U. K. 95 pp. PB.

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Comrey, Andrew L. (1973): *A First Course in Factor Analysis,* Academic Press, New York. 316 pp.

Fruchter, Benjamin (1954): *Introduction to Factor Analysis,* D. Van Nostrand Company, Inc., Princeton, NJ. 289 pp.

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Cochran, William G. (1953): *Sampling Techniques,* John Wiley & Sons, Inc., New York. 330 pp.

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